



Date of Notice of Allowance: 10/13/06  
Serial No.: 09/989,345

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Dayton, Ohio

NCR Docket No. 9815

Application of:

SINCLAIR, P.

Group Art Unit: 2191

Serial No. 09/989,345

Examiner: KHATRI, ANIL

Filed: November 20, 2001

For: VALUE-ORDERED PRIMARY INDEX AND ROW HASH MATCH  
SCAN

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**LETTER TO THE OFFICIAL DRAFTSMAN**

Sir:

Enclosed are formal drawings of Figures 1 through 11 for the above-identified patent application. Please substitute the enclosed formal drawings for the originally filed informal drawings of Figures 1 through 11, which were provided with the patent application when filed on November 20, 2001.

Two duplicate copies of the enclosed drawing sheets are provided for the convenience of the Office.

The Commissioner is hereby authorized to charge any fees that may be required to NCR Corporation, Deposit Account No. 14 0225.

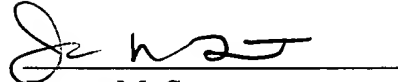
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**CERTIFICATION OF MAILING UNDER 37 CFR 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 1/9/07.

By: Michelle George  
Name: Michelle George

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'J. M. Stover', is written over a horizontal line.

James M. Stover

Reg. No. 32,759

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